ABSTRACT OF THE DISCLOSURE

A digital image processing method for multiple passes diagnostic alignment of in vivo images, comprising the steps of: acquiring images using an in vivo video camera system; forming an in vivo video camera system examination bundlette; transmitting the examination bundlette to proximal in vitro computing device(s); processing the transmitted examination bundlette; automatically identifying abnormalities in the transmitted examination bundlette; and setting off alarm signals to a local site provided that suspected abnormalities have been identified for each pass forming a registration bundle; selecting identification elements of an image from the registration bundle of one pass; and retrieving corresponding images from another pass.